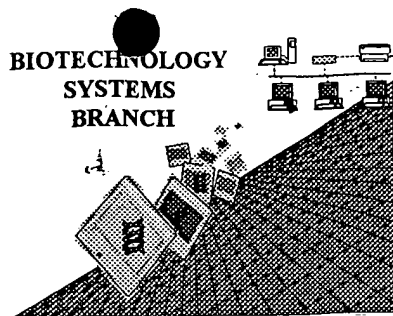# RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/978,333_

Source: _O/PE_

Date Processed by STIC: _11/1/2001_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

OIPE

```
        RAW SEQUENCE LISTING                 DATE: 11/01/2001
        PATENT APPLICATION:  US/09/978,333   TIME: 13:55:18

        Input Set : A:\ES.txt
        Output Set: N:\CRF3\11012001\I978333.raw
```

```
      1 <110> APPLICANT: Glazer, Peter M.<120> Triple-
W--> 2 <130> FILE REFERENCE: YU 132<150> US
W--> 0 <120> TITLE INVENTION:
C--> 3 <140> CURRENT APPLICATION NUMBER: US/09/978,333
C--> 3 <141> CURRENT FILING DATE: 2001-10-15
      3 <150> PRIOR APPLICATION NUMBER: 1999-10-04<150> US 08/476,712<151> 1995-06-07<160> 9
W--> 0 <160> NUMBER OF SEQ ID NOS:
      4 <170> SOFTWARE: PatentIn version 3.1<210> 1<211> 10<212> DNA<213> Artificial
```

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

```
W--> 5 <220> FEATURE: <223> Oligonucleotide AG10
W--> 5 <220> FEATURE: <223> Oligonucleotide AG10
W--> 7 <210> SEQ ID NO:
W--> 7 <211> LENGTH:
W--> 7 <212> TYPE:
W--> 7 <213> ORGANISM:
E--> 7 <400> SEQUENCE: 1
      8 aggaaggggg                                        10
```

see next page

insert a hard return after each response

SEQUENCE LISTING<110> Glazer, Peter M.<120> Triple-
Helix Forming Oligonucleotides for Targeted Mutagenesis<130> YU 132<150> US
09/411,291<151> 1999-10-04<150> US 08/476,712<151> 1995-06-07<160> 9
<170> PatentIn version 3.1<210> 1<211> 10<212> DNA<213> Artificial
Sequence<220><223> Oligonucleotide AG10

<400> 1
aggaaggggg   10

<210> 2<211> 20<212> DNA<213> Artificial Sequence<220><223> Oligonucleotide
AG20

(sample of submitted file)

*major format errors — please contact Robert Wax
at 703-306-4119
or 703-308-4216
for assistance*

FY1 Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\11012001\I978333.raw**

```
L:2  M:283 W: Missing Blank Line separator, <130> field identifier
L:0  M:201 W: Mandatory field data missing, TITLE INVENTION
L:3  M:270 C: Current Application Number differs, Replaced Current Application No
L:3  M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:0  M:282 W: Numeric Field Identifier Missing, <160> is required.
L:5  M:283 W: Missing Blank Line separator, <220> field identifier
L:5  M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:7  M:282 W: Numeric Field Identifier Missing, <210> is required.
L:7  M:282 W: Numeric Field Identifier Missing, <211> is required.
L:7  M:282 W: Numeric Field Identifier Missing, <212> is required.
L:7  M:282 W: Numeric Field Identifier Missing, <213> is required.
L:7  M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:1
L:14 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:14 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:14 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:14 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:21 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:21 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:21 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:21 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:26 M:259 W: Allowed number of lines exceeded, <210> SEQ ID NO
L:28 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:28 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:28 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:33 M:259 W: Allowed number of lines exceeded, <210> SEQ ID NO
L:35 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:35 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:35 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:40 M:259 W: Allowed number of lines exceeded, <210> SEQ ID NO
L:42 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:42 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:42 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:53 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:53 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:53 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:53 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:58 M:259 W: Allowed number of lines exceeded, <210> SEQ ID NO
L:60 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:60 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:60 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:66 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:67 M:259 W: Allowed number of lines exceeded, <220> FEATURE:
L:69 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:70 M:259 W: Allowed number of lines exceeded, <220> FEATURE:
L:72 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:73 M:259 W: Allowed number of lines exceeded, <220> FEATURE:
L:75 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:75 M:282 W: Numeric Field Identifier Missing, <212> is required.
```

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\11012001\I978333.raw**

L:75 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:0 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (0) Counted (9)